2129691-2 ✔ ACTIVE

TE Internal #: 2129691-2

C, 3.1 Gen 1, Receptacle, Mid Mount, 1 Port, Right Angle, Tape & Reel, Offset, Surface Mount / Through Hole - Solder, Cable-to-Board / Wire-to-Board

View on TE.com >

Connectors > Audio & Video Connectors > USB Connectors



USB Type: **C**

USB Version: **3.1 Gen 1**

Connector & Housing Type: **Receptacle**

Number of Ports: **1**

PCB Mount Location: **Mid Mount**

Features

Product Type Features

Grounding Options	PCB Ground
Integral Locking Latch	Without
USB Type	C
USB Version	3.1 Gen 1
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board, Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Ports	1

Body Features

Shell Plating Material	Nickel
Shell Plating Finish	Matte

Contact Features

Contact Mating Area Plating Material	Gold (Au)

Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Current Rating (Max)	.25 A, 1.25 A, 5 A, 6.25 A

Termination Features

Termination Method to PCB	Surface Mount, Through Hole - Solder

Mechanical Attachment

Locking Feature	Without
PCB Mount Location	Mid Mount
PCB Connector Seating	Offset
PCB Mount Retention Type	Straight Leg
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	Liquid Crystal Polymer (LCP) GF30
Body Orientation	Right Angle

Usage Conditions

Soldering Temperature (Max)	255 °C[491 °F]
Mating Cycles (Max)	10000
Operating Temperature Range	-30 – 85 °C[-22 – 185 °F]

Operation/Application

Assembly Process Feature	Without Pick and Place Cover
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	800
Packaging Method	Tape & Reel

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted

	Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 2480790-1
USB C Charge-only,6 Pin, Vertical, Long



TE Part # 2479774-2
USB C Charge-only,6 Pin, Top, 3u GF



TE Part # 2479774-1
USB C Charge-only,6 Pin, Top, 1u GF



TE Part # 2305018-2
USB TYPE C, REC IPX8 ON BOARD DUAL SMT



TE Part # 2480843-1
USB C Charge-only,6 Pin, Mid, 3u GF



TE Part # 2480803-1
USB C Charge-only,6 Pin, Vertical, Short



TE Part # 2480842-1
USB C Charge-only,6 Pin, Vert, Long, Lock

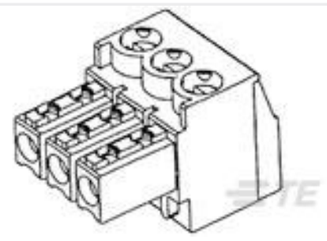
Customers Also Bought



TE Part #BAT-HLD-012-SMT
Battery Holder 1216 1225 SMT Bulk Pack



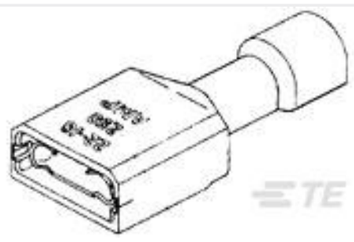
TE Part #130046
PIDG RING TONGUE



TE Part #284506-2
2 POS TERMI-BLOK PLUG STACK 3,



TE Part #2-342104-1
TAPE MOUNTED 22-16 F.E. TERMIN



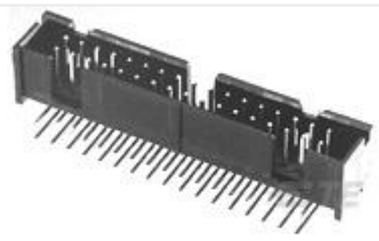
TE Part #2-520193-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



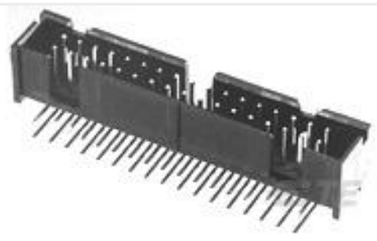
TE Part #4-1614964-4
CPF 1206 22R 0.1% 25PPM 1K RL



TE Part #2174803-2
PUSH-PUSH MICRO SIM CONNECTOR



TE Part #5103310-3
A/L LOW PRO HDR 16P RA BLACK



TE Part #5103310-8
A/L LOW PRO HDR 40P RA BLACK

TE Part #11101733-00
AST4000A00050P3B0000:CTO-13000000-02

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2129691-2_B1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2129691-2_B1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2129691-2_B1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Product Specification

English